

## VC080

4K HDMI EDID Emulator with Programmer



The ATEN VC080 is a HDMI EDID Emulator, which is designed to emulate and store the EDID of a video display, providing constant and reliable EDID data for the a HDMI source device to efficiently optimize video resolution.

The ATEN HDMI EDID Emulator is a convenient tool that ensures smooth viewing experience for any video installation. The EDID Emulator provides three flexible methods for selecting and switching between EDID Modes: Default Mode, Programming Mode, and Learning Mode. It comes with an easy-to-use EDID Wizard that allows users to quickly view, store and manage EDID settings.



**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE



A/V Out

HDMI

RS-232  
Control



A/V In

HDMI

## Features

- Superior video quality – HDTV resolutions of 480i, 480p, 720i, 720p, 1080i, 1080p (1920 x 1080); VGA, SVGA, XGA, SXGA, UXGA and WUXGA (1920 x 1200)
- [EDID Wizard](#) – allows a user an easy way to manage EDID settings
- Consumer Electronics Control (CEC) allows interconnected HDMI devices to communicate and respond to one remote control
- [EDID mode selection](#) – Default, Learning, Programming
- HDMI (3D, Deep Color), HDCP compatible
- Supports Dolby True HD and DTS HD Master Audio
- Automatically manages EDID communication between connected devices
- Signaling rates up to 2.25 Gbits in support of 1080p display
- LED indication of video source devices
- Supports wide screen
- Supports hot-plugging
- Non-Powered \*

\* If the video source is not receiving enough power an external power cord should be connected.

## Specifications

Max. Video Resolution	4096*2160@30Hz (4:4:4) 3840*2160@30Hz (4:4:4)
Data Rate	10.2 Gbps
Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Video	
Compliance	HDMI 1.4 (3D, Deep Color) HDCP Compatible Consumer Electronic Control (CEC)
Audio	
Output	1 x HDMI Type A Female (Black)
EDID Settings	EDID Mode: Default / Learn / Customized (EDID Wizard support)
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:0.17W:1BTU/h  Note: <ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul>
Environmental	
Operating Temperature	0 - 50 °C
Storage Temperature	-20 - 60 °C

Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.15 kg ( 0.33 lb )
Dimensions (L x W x H)	7.90 x 7.76 x 2.45 cm (3.11 x 3.06 x 0.96 in.)
Carton Lot	5 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

#### Diagram





Simply Better Connections

***ATEN International Co., Ltd.***

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.  
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.  
All rights reserved. All other trademarks are the property of their  
respective owners.